DMR Copy of Record

Permit

Permit #: MA0004936

Major: Yes

Permittee: PATRIOT BEVERAGES, LLC

Permittee Address: C/O CPF, INC. 25 COPELAND DR.

AYER, MA 01432

DATA ADMIN

Permitted Feature: 001 External Outfall

Discharge:

Title:

001-A PROCESS WATER

Report Dates & Status

Monitoring Period: From 05/01/22 to 05/31/22

DMR Due Date: 06/15/22

Status:

Telephone:

Facility Location:

Facility:

NetDMR Validated

978-339-5905

PATRIOT BEVERAGES LLC

20 HAVARD ROAD LITTLETON, MA 01460

Considerations for Form Completion

REPORT MAXIMUM + TOTAL FLOW RATES FOR EACH OPERATING DAY. * *

Principal Executive Officer

First Name: JAMES

Last Name: DRAPEAU

No Data Indicator (NODI)

Parameter Monitoring Location Season # Pa				# Param. NODI		Quantity or Loading								Quality or Concentration				# of Ex. Frequency of Analysis		Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier	2 Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier	3 Value 3	Units			
0011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0		Sample Permit Req. Value NODI										= <=	81.0 83.0 DAILY MX	15 - deg F 15 - deg F	0	-	GR - GRAB GR - GRAB
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req. Value NODI							7.4 7.0 MINIMUM					19 - mg/L 19 - mg/L	0		GR - GRAB GR - GRAB
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Sample Permit Req. Value NODI									2.0 10.0 MO AVG	= <=	4.0 20.0 DAILY MX	19 - mg/L 19 - mg/L	0		24 - COMP24 24 - COMP24
00400	рН	1 - Effluent Gross	0		Sample Permit Req. Value NODI							7.5 6.5 MINIMUM			= <=	8.2 8.3 MAXIMUM	12 - SU 12 - SU	0		GR - GRAB GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI									9.0 10.0 MO AVG	= <=	12.0 20.0 DAILY MX	19 - mg/L 19 - mg/L	0		24 - COMP24 24 - COMP24
00556	Oil & Grease	1 - Effluent Gross	0		Sample Permit Req. Value NODI										<=	2.11 15.0 DAILY MX	19 - mg/L 19 - mg/L	0	,	GR - GRAB GR - GRAB
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Sample Permit Req. Value NODI		1 eq Mon MO AVG	<	0.1 Req Mon DAILY M	26 - lb/d X 26 - lb/d				0.1 Req Mon MO AV		0.1 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0		24 - COMP24 24 - COMP24
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	1		Sample Permit Req. Value NODI		5 23 ROLL AVG	<= <=	2.04 1.25 DAILY MX	26 - lb/d 26 - lb/d		0.32 Req Mon MO AVG			=	0.71 Req Mon DAILY MX	19 - mg/L 19 - mg/L	4		24 - COMP24 24 - COMP24
)1104	Aluminum, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI							0.024 0.1 MO AVG			=	0.024 Req Mon DAILY MX	19 - mg/L 19 - mg/L	0		24 - COMP24 24 - COMP24
60050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Sample Permit Req. Value NODI	<= 0.5	302 55 MO AVG	= <=	0.433 0.75 DAILY MX	03 - MGD 03 - MGD								0		RC - Recorder (a RC - Recorder (a
50060	Chlorine, total residual	1 - Effluent Gross	0		Sample Permit Req. Value NODI							0.0 12.0 MO AVG			= <=	0.0 21.0 DAILY MX	28 - ug/L 28 - ug/L	0		GR - GRAB GR - GRAB
1041	E. coli, colony forming units [CFU]	1 - Effluent Gross	0		Sample Permit Req. Value NODI							20.0 Req Mon MO GEC			=	20.0 Req Mon DAILY MX	3Z - CFU/100ml 3Z - CFU/100ml		-	GR - GRAB GR - GRAB
4054	Streptococci, fecal general	1 - Effluent Gross	0		Sample Permit Req. Value NODI							16.0 Req Mon MO GEC)		=	16.0 Req Mon DAILY MX	3Z - CFU/100mL 3Z - CFU/100mL		-	GR - GRAB GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Typo	Description	Aaknaydadaa
Code	Name	Monitoring Location	rielu	Туре	Description	Acknowledge
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quantity or Loading Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

The final effluent total phosphorous result for May averaged 0.96lbs/day with a maximum of 2.0lbs. We have installed a new chemical feed pump for the phosphorous removal coagulant. We have also purchased a HACH DR3900 and have started taking daily final effluent samples to monitor the effectiveness of the phosphorous removal. The results are improving and we are testing and making adjustments as quickly as possible.

Attachments

Name	Туре	Size
SignedDEPpg1MAY2022.pdf	pdf	609126.0
SignedProcesscvrltrMAY2022.pdf	pdf	188538.0
PatriotDEPMonthlyReportMAY2022.xlsx	xlsx	33018.0
OffSiteBeverageWasteReceivedMAY2022.xlsx	xlsx	29695.0

Report Last Saved By

PATRIOT BEVERAGES, LLC

User: jdrapeau@cpf-nehf.com
Name: James Drapeau
E-Mail: jdrapeau@cpf-nehf.com

Date/Time: 2022-06-14 12:50 (Time Zone: -04:00)

Report Last Signed By

User: jdrapeau@cpf-nehf.com
Name: James Drapeau
E-Mail: jdrapeau@cpf-nehf.com

Date/Time: 2022-06-14 12:57 (Time Zone: -04:00)